



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Friday July 10, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



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- **Slight risk of severe storms on Saturday for N AR/NE OK. Marginal risk extends into OK/AR/NTX/N LA.**
  - **Marginal risk of flash flooding for AR into NE OK.**
- **Marginal risk of severe storms Sunday for SE AR/NE LA.**
- **Dangerous heat across much of the Region through early next week.**

# FEMA Region 6 Threat Matrix

Jul 10, 2020 - Jul 14, 2020



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms		N AR/NE OK OK/AR/NTX/N LA			
Heavy Rain / Flash Flooding		AR/NE OK			
Fire Weather					
Tropical Winds / Surge					
Heat	Much of the Region	Much of the Region	Much of the Region	Much of the Region	Much of the Region
River Flooding	AR, TX	AR, TX	AR, TX	AR, TX	AR, TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# Tropical Weather Outlook – Atlantic/Gulf



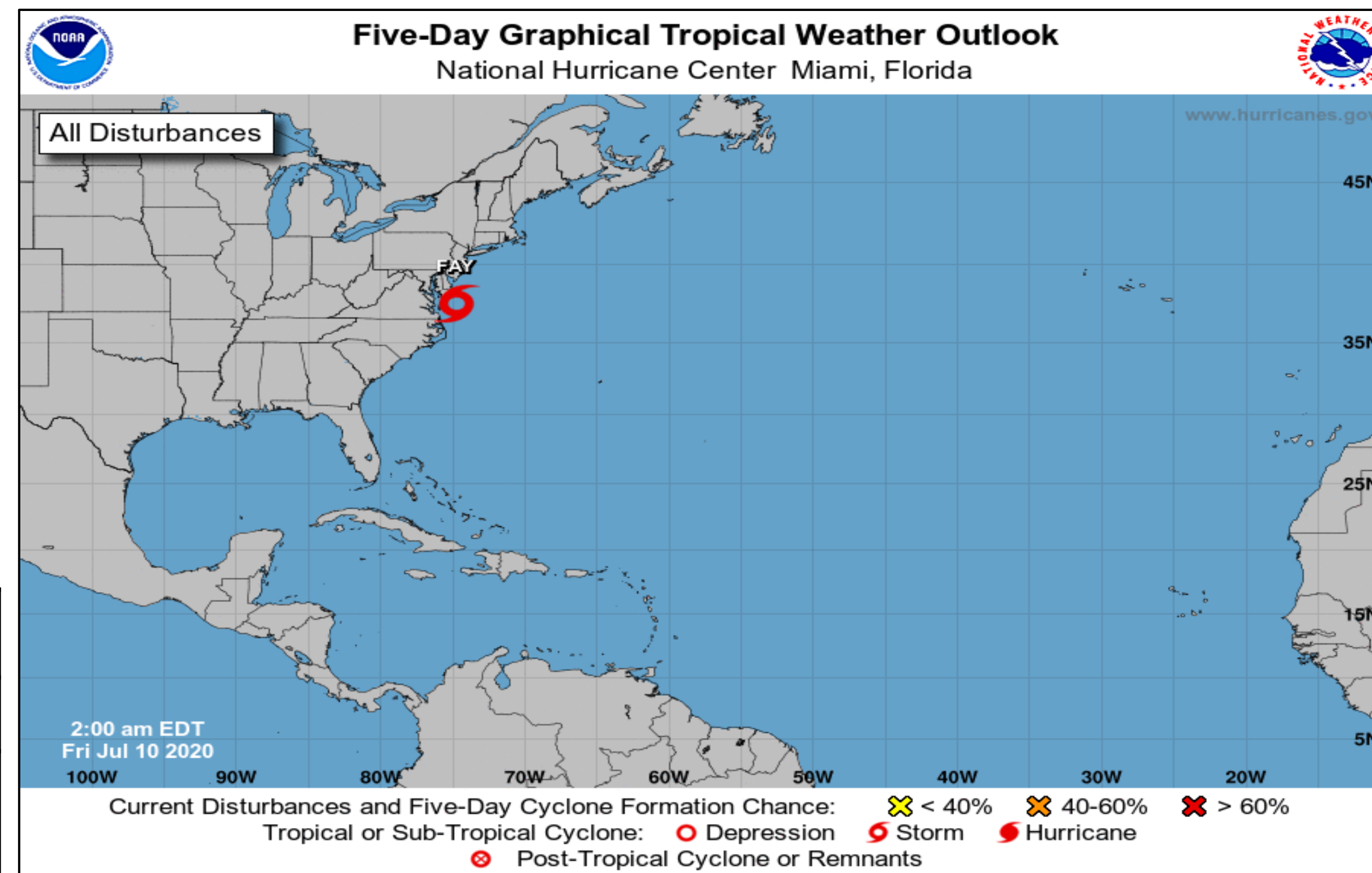
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Fay	None



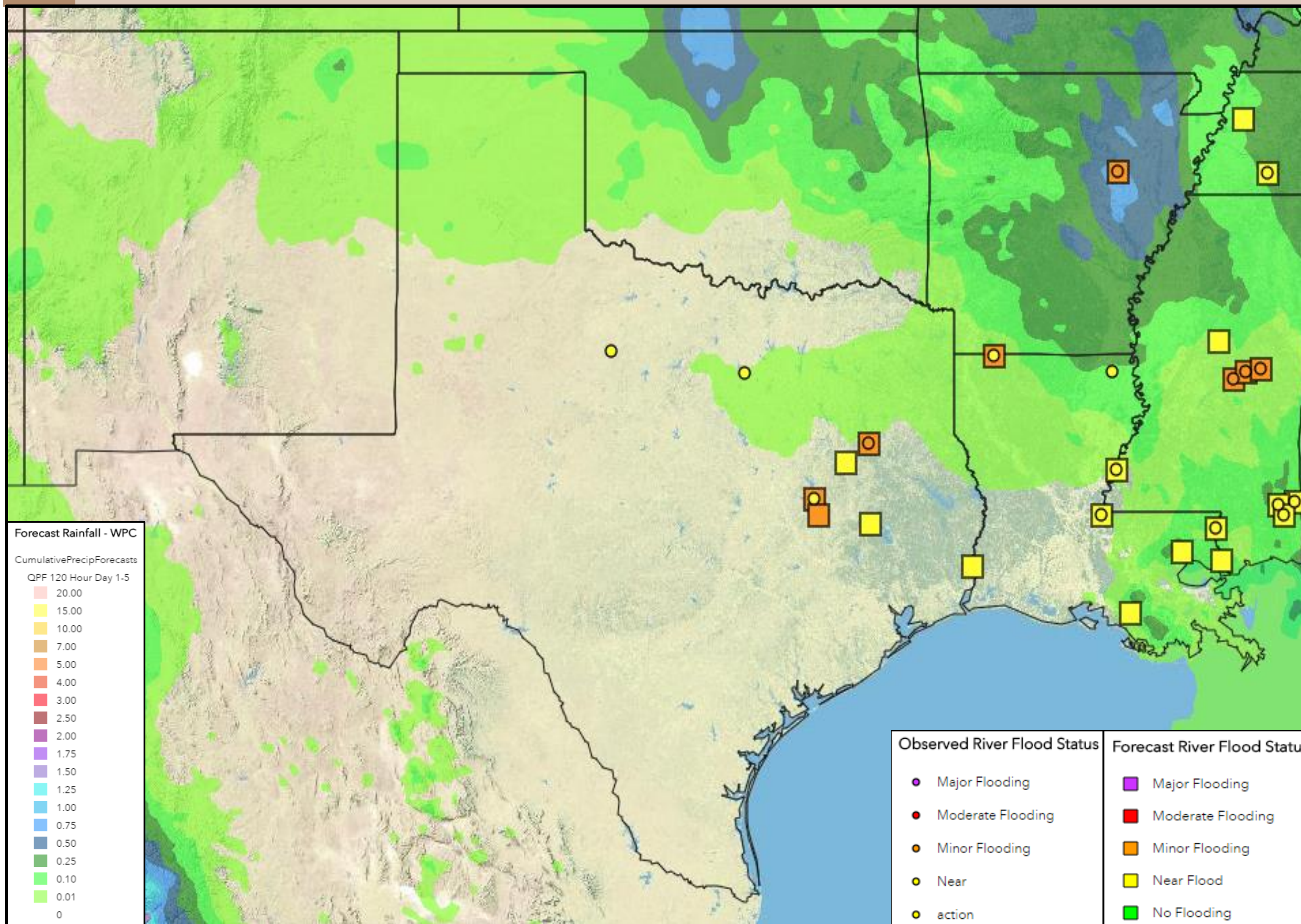


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor flooding continues for portions of the Navasota and Neches Rivers in E TX. Ranchers that may have livestock and equipment in the river bottoms should move them to higher ground.**

**The White River near Augusta in NE AR remains in minor flood stage through next week with seasonal agricultural impacts.**

**No additional flooding is expected due to the forecast rainfall the next 5 days.**

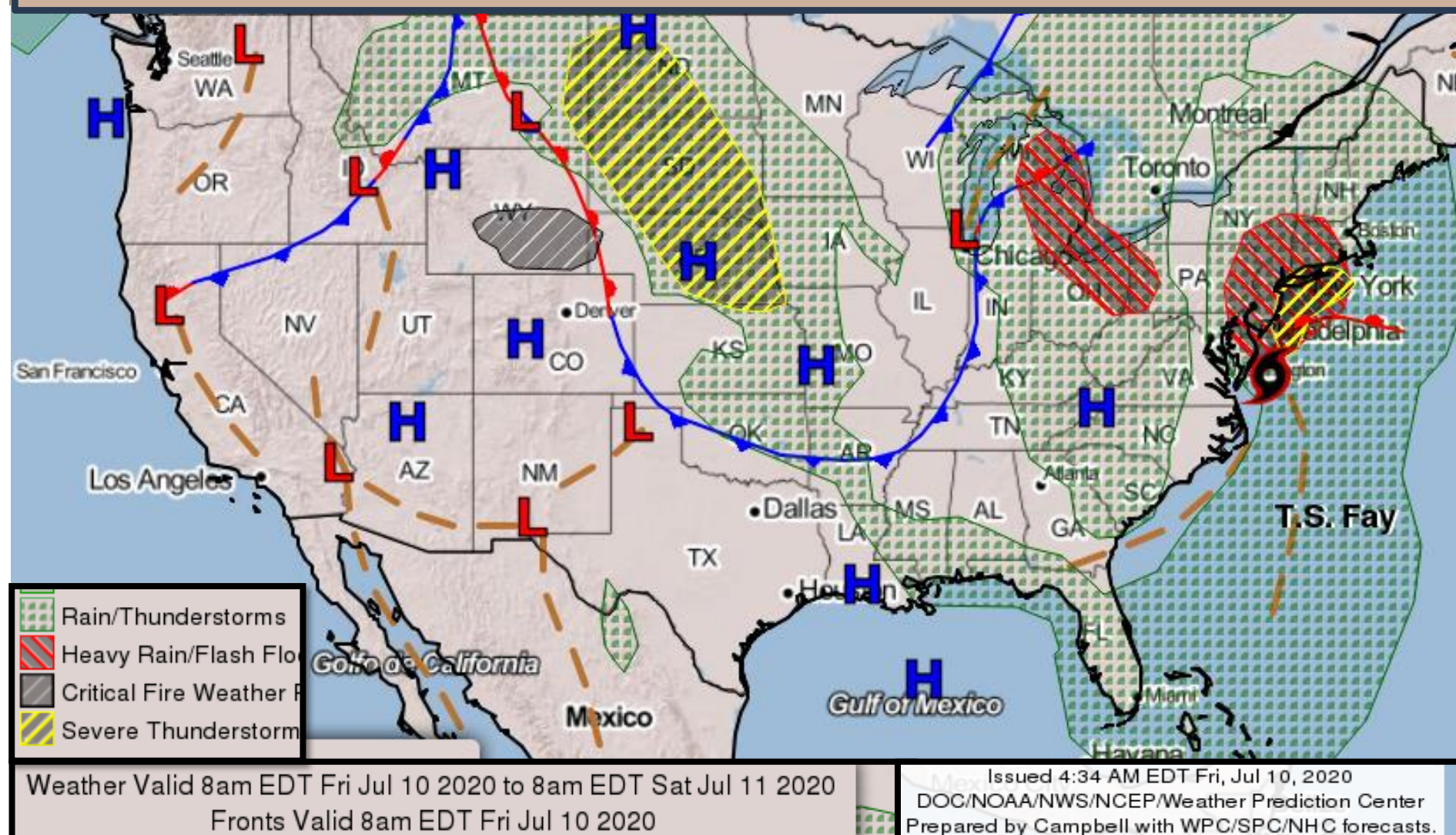


# Today's Weather

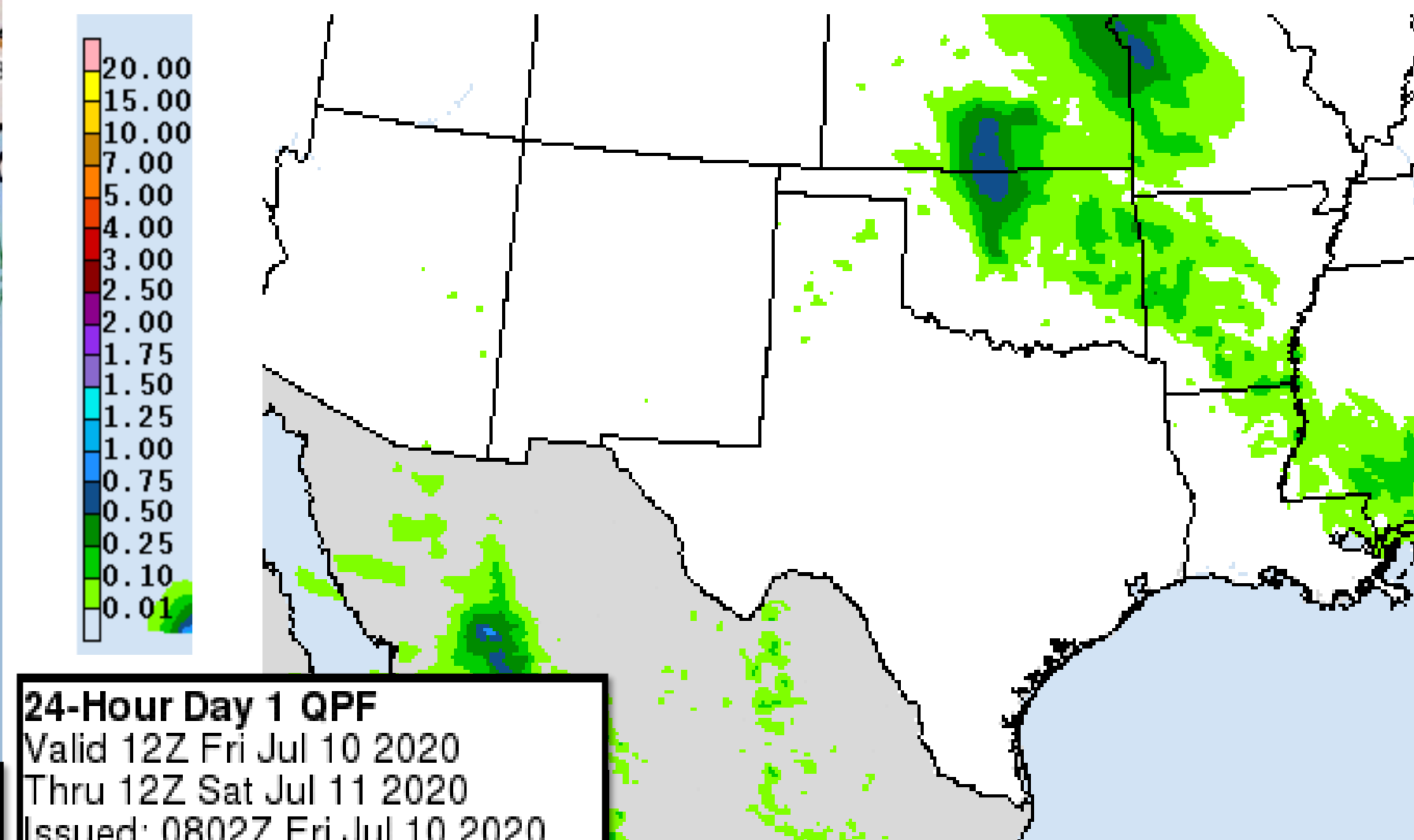


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## Forecast Chart

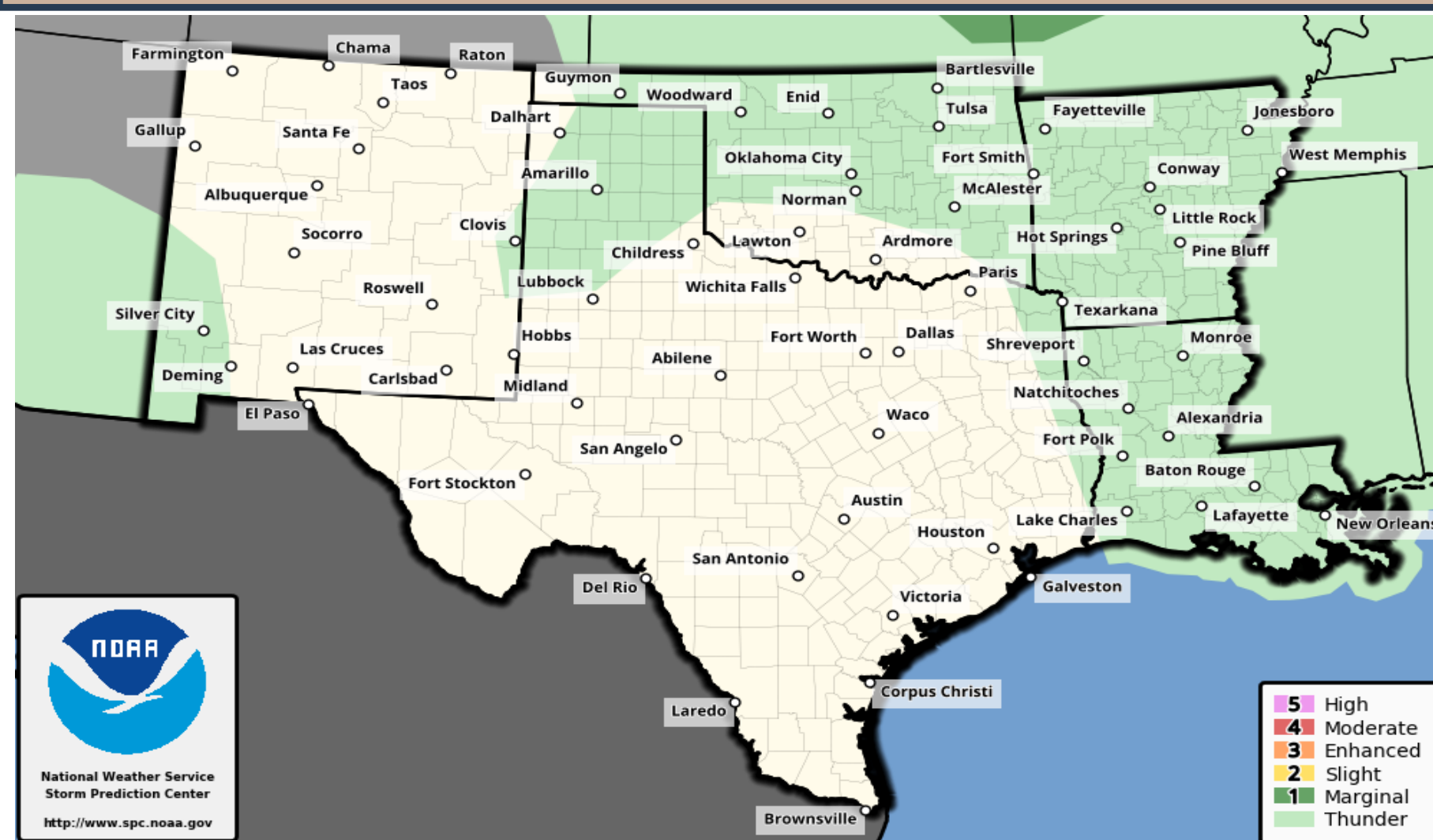


## Forecast Rainfall

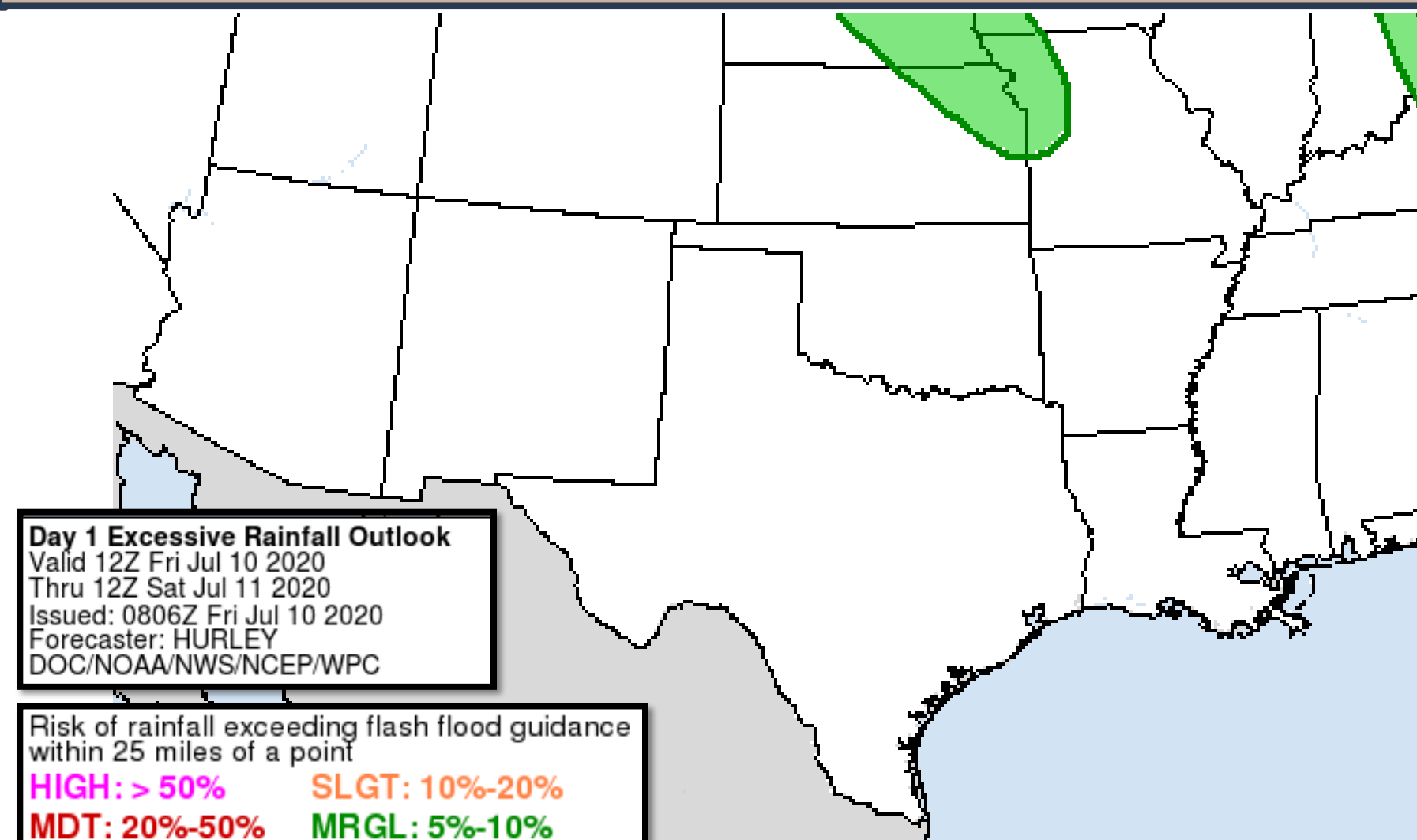


**Dangerous heat across much of the Region.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

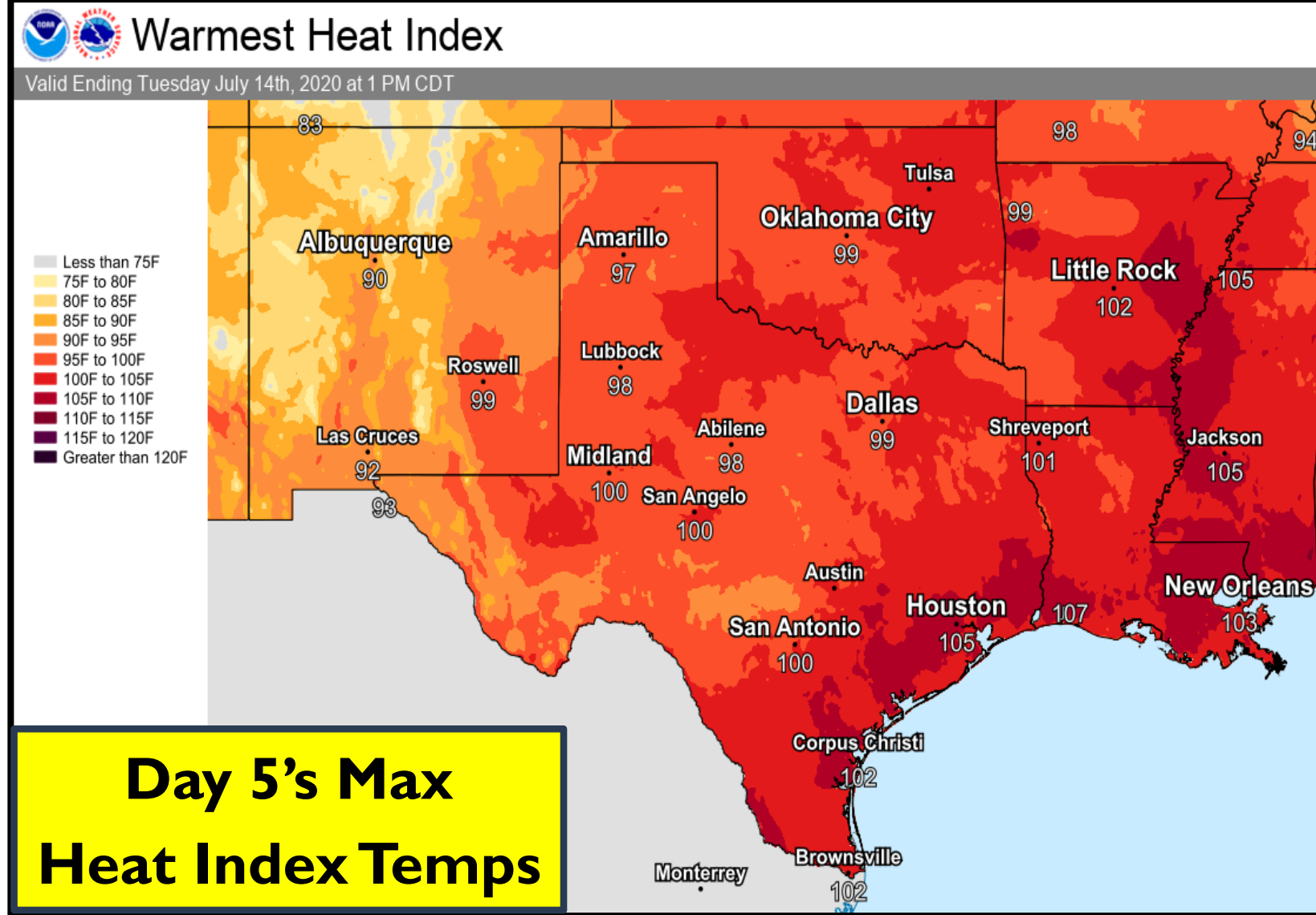
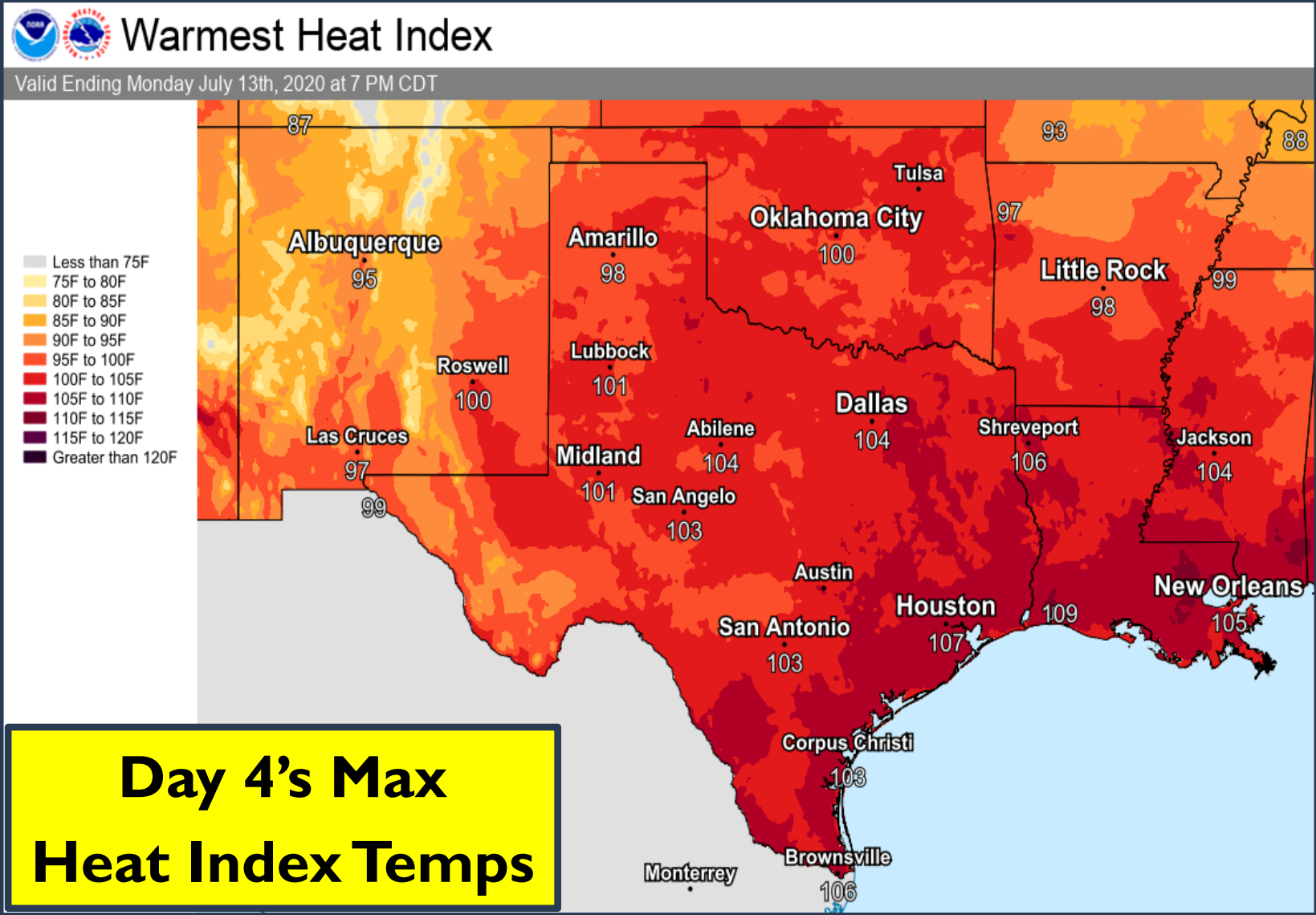
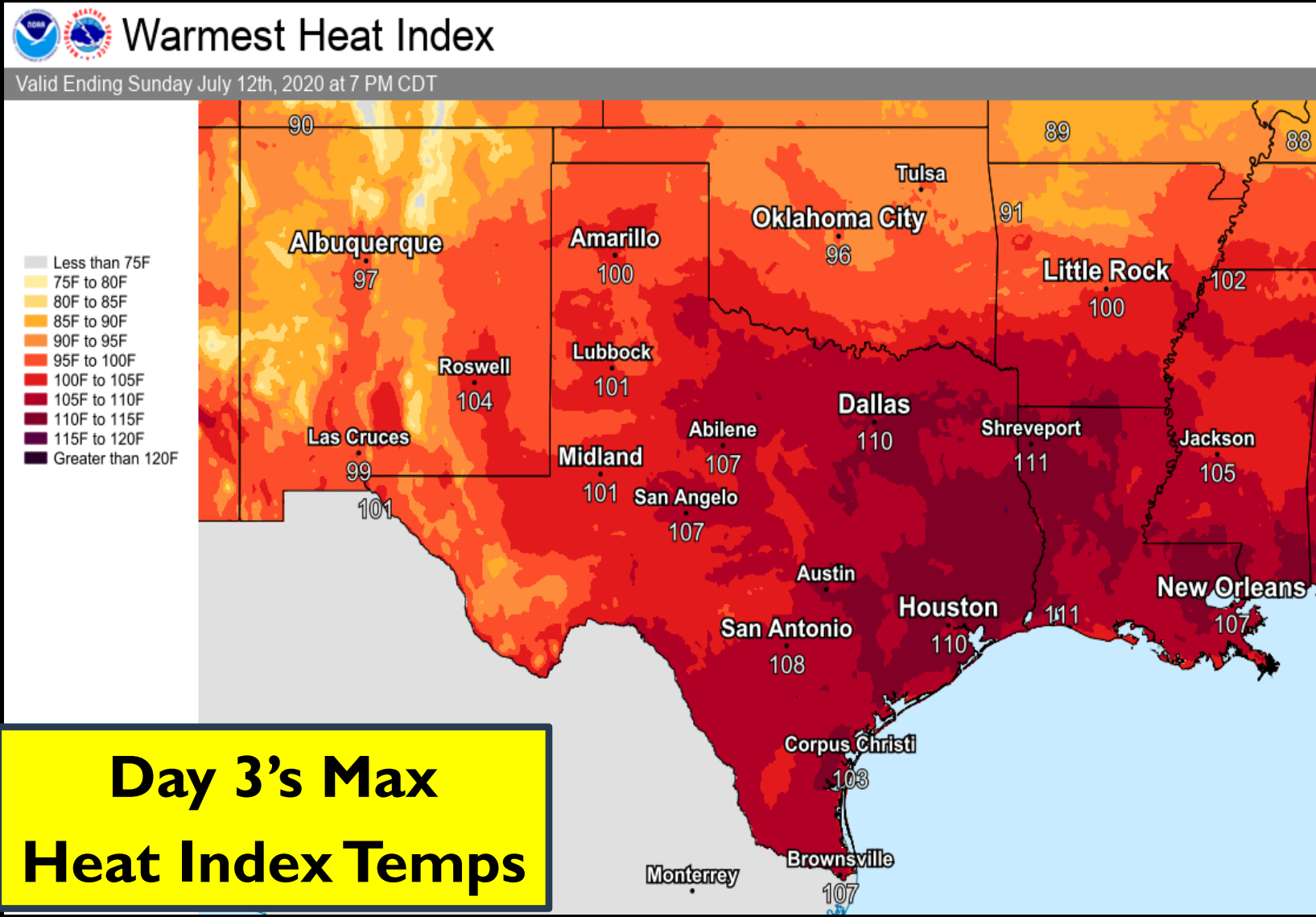
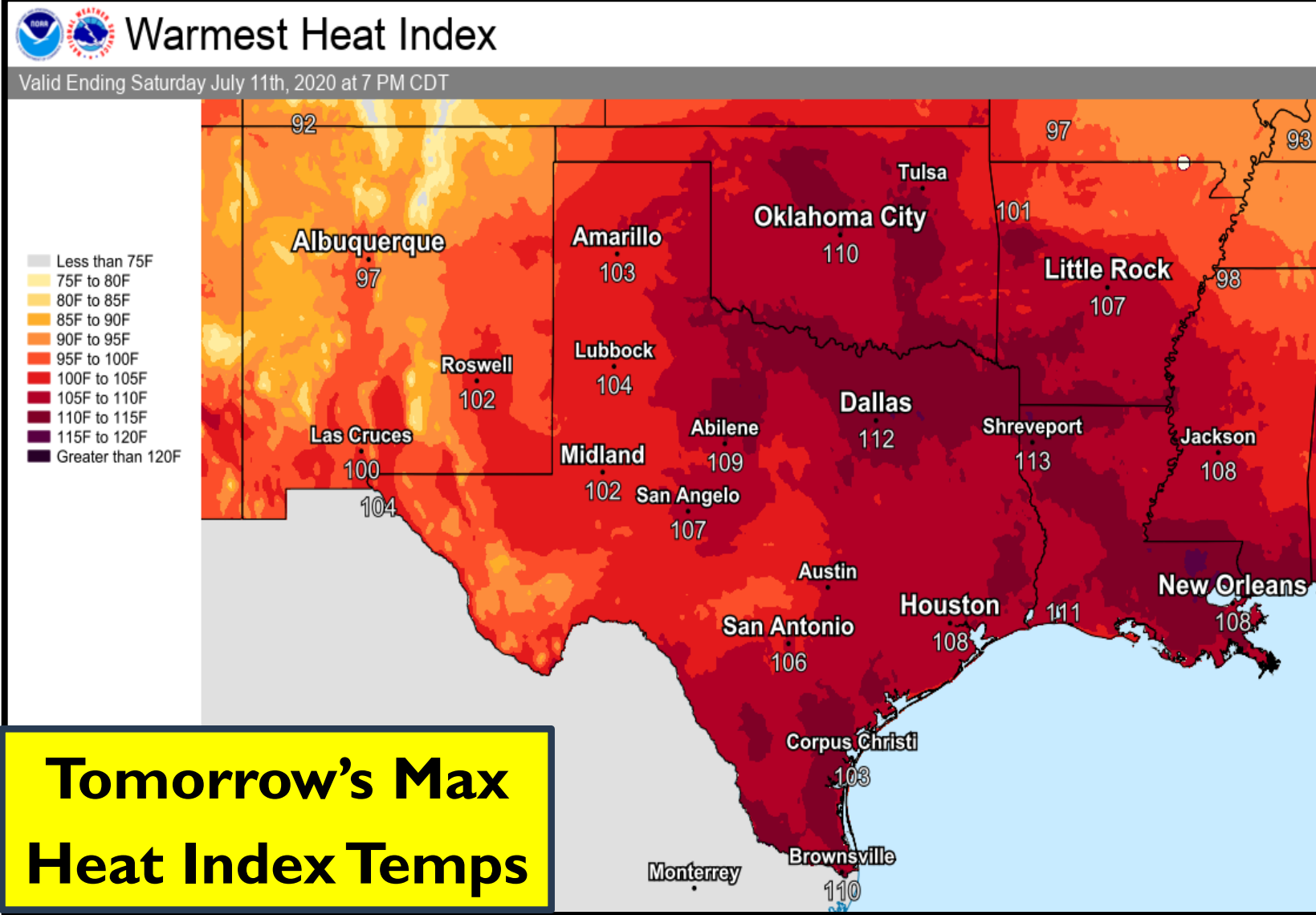
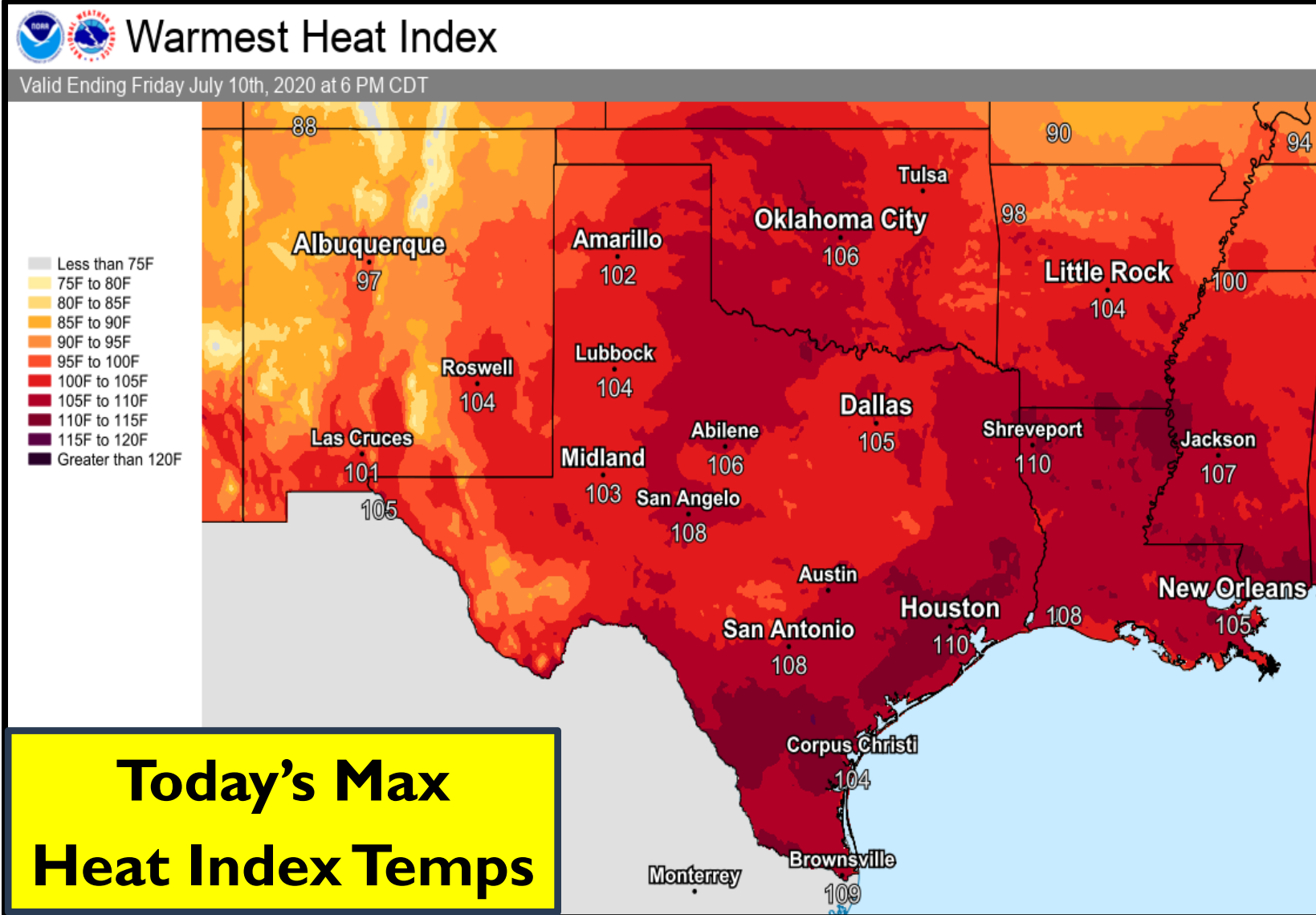
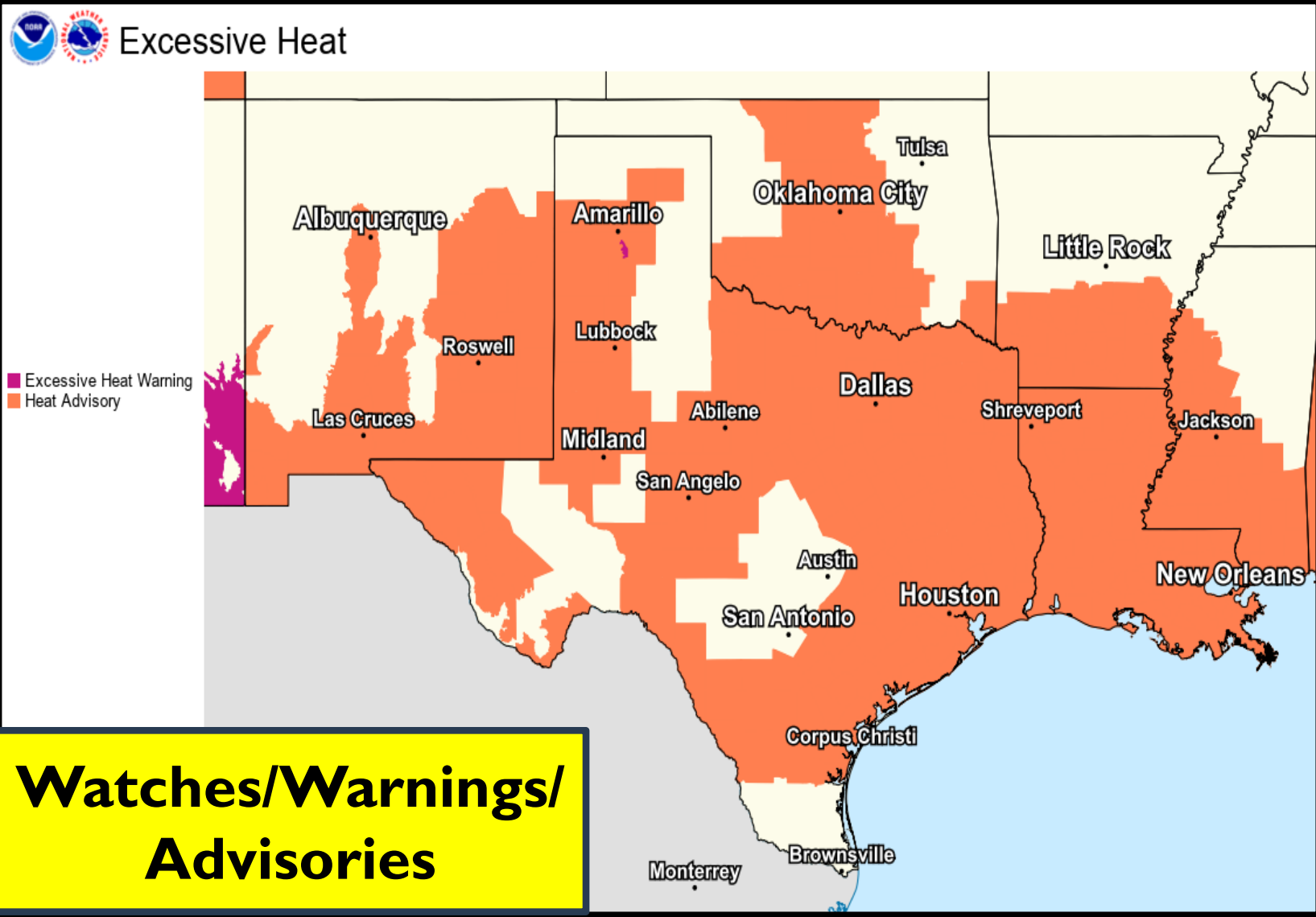




# Excessive Heat Outlook



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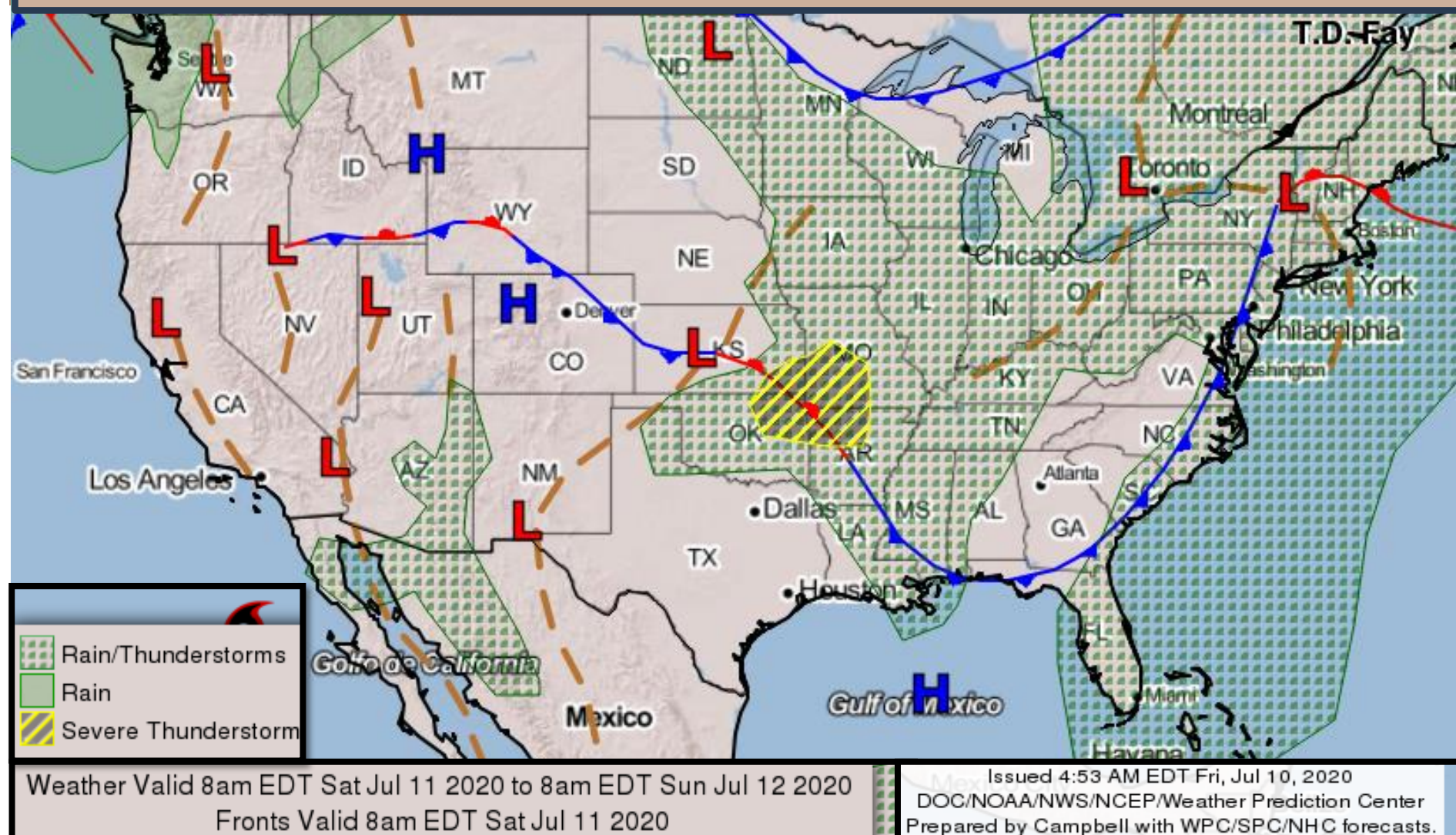


# Tomorrow's Weather

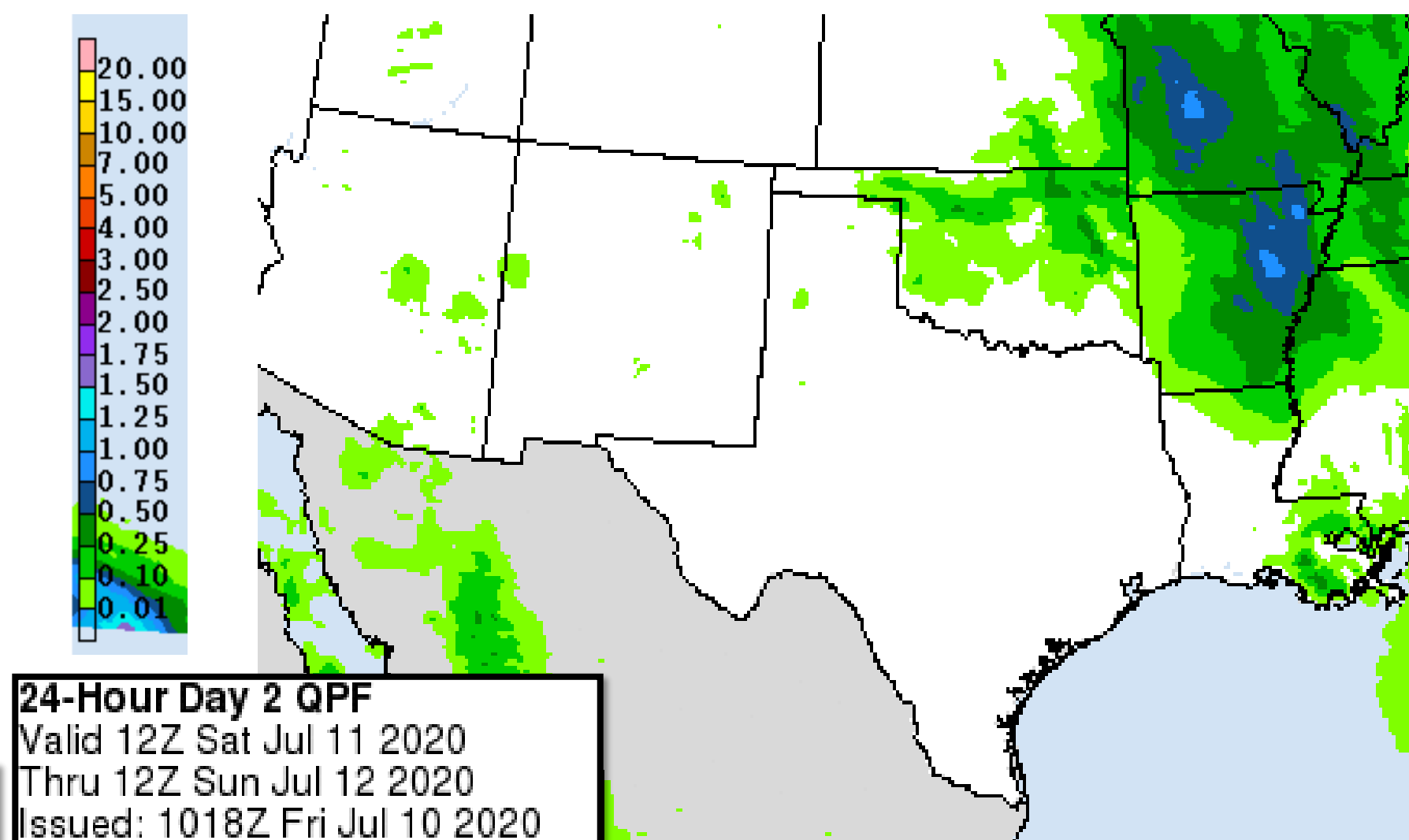


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## Forecast Chart



## Forecast Rainfall



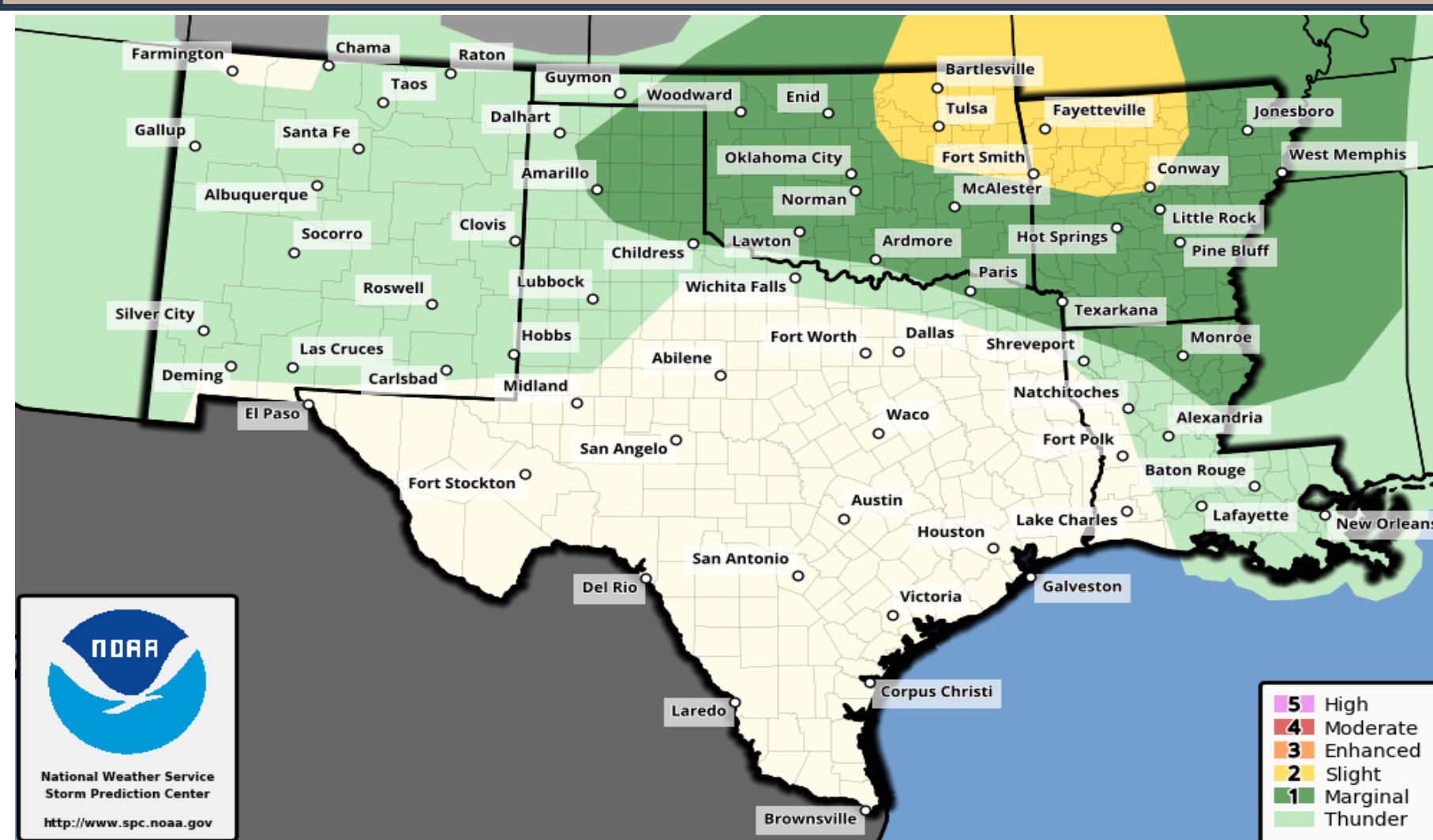
**Dangerous heat across much of the Region.**

**Slight risk of severe storms for N AR/NE OK.  
Damaging winds and large hail are the main threats.**

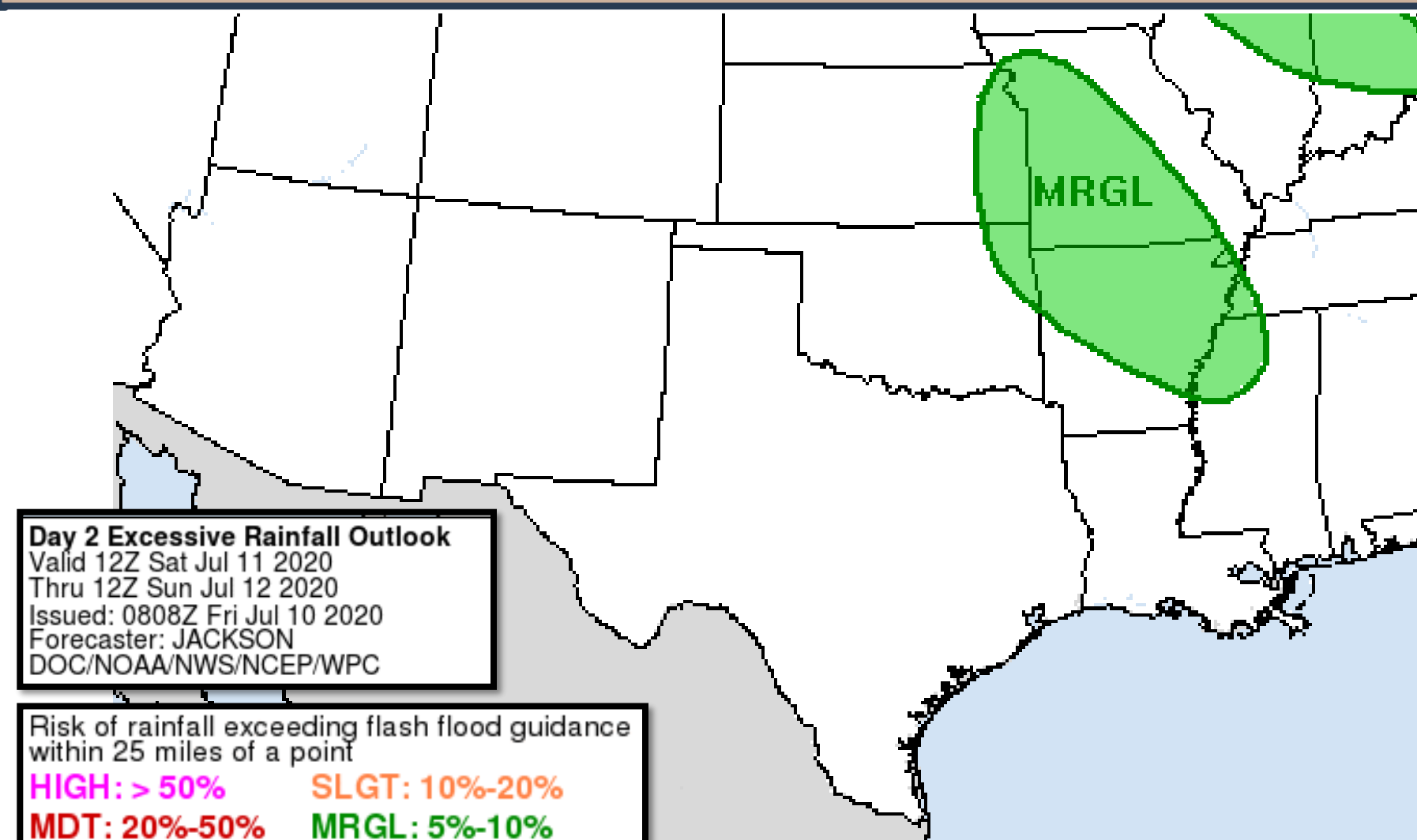
**Marginal risk of severe storms extends across OK/AR into NTX/N LA.**

**Marginal risk of flash flooding over AR into NE OK.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Sunday's Weather

## Forecast Chart

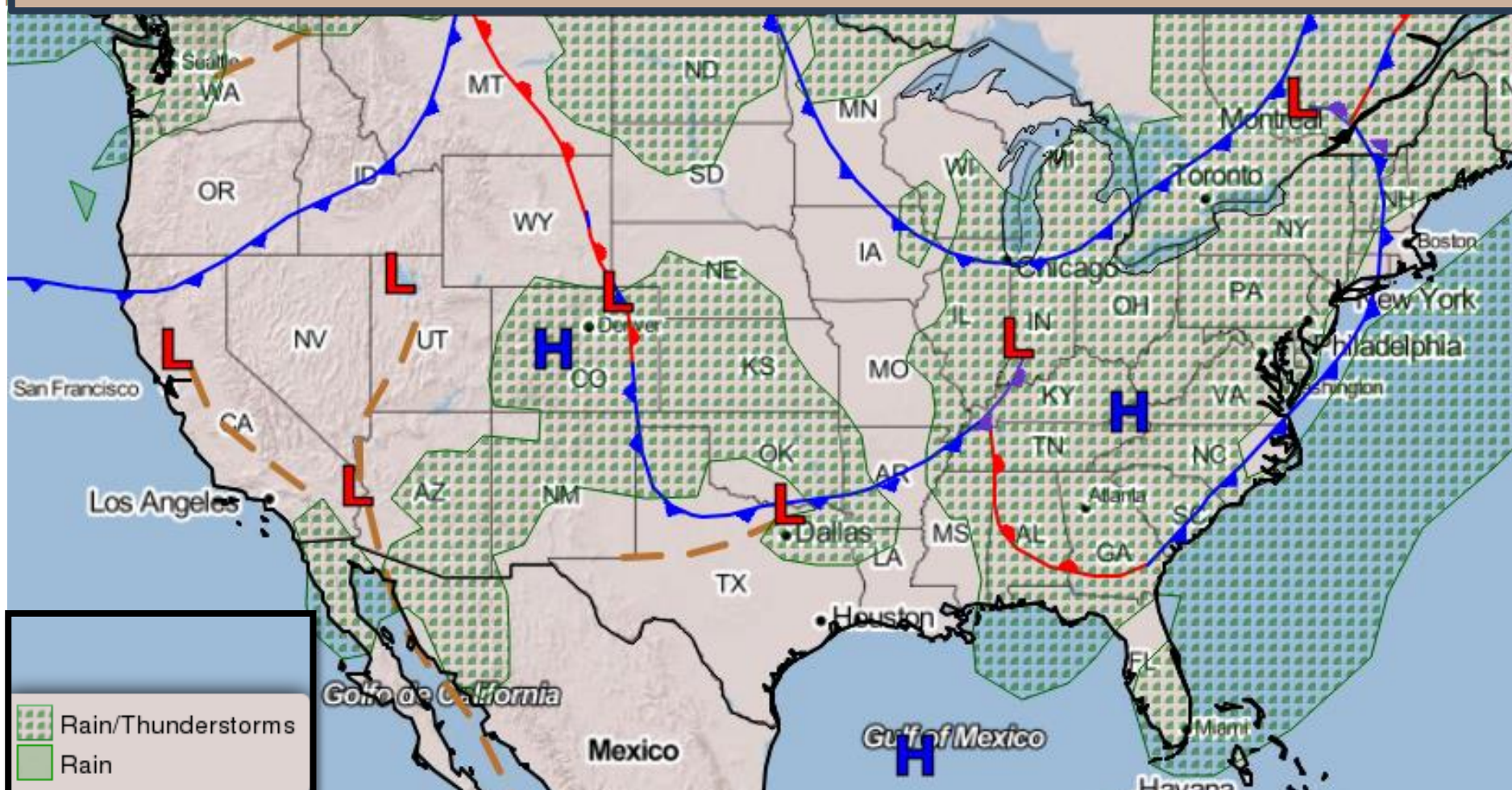


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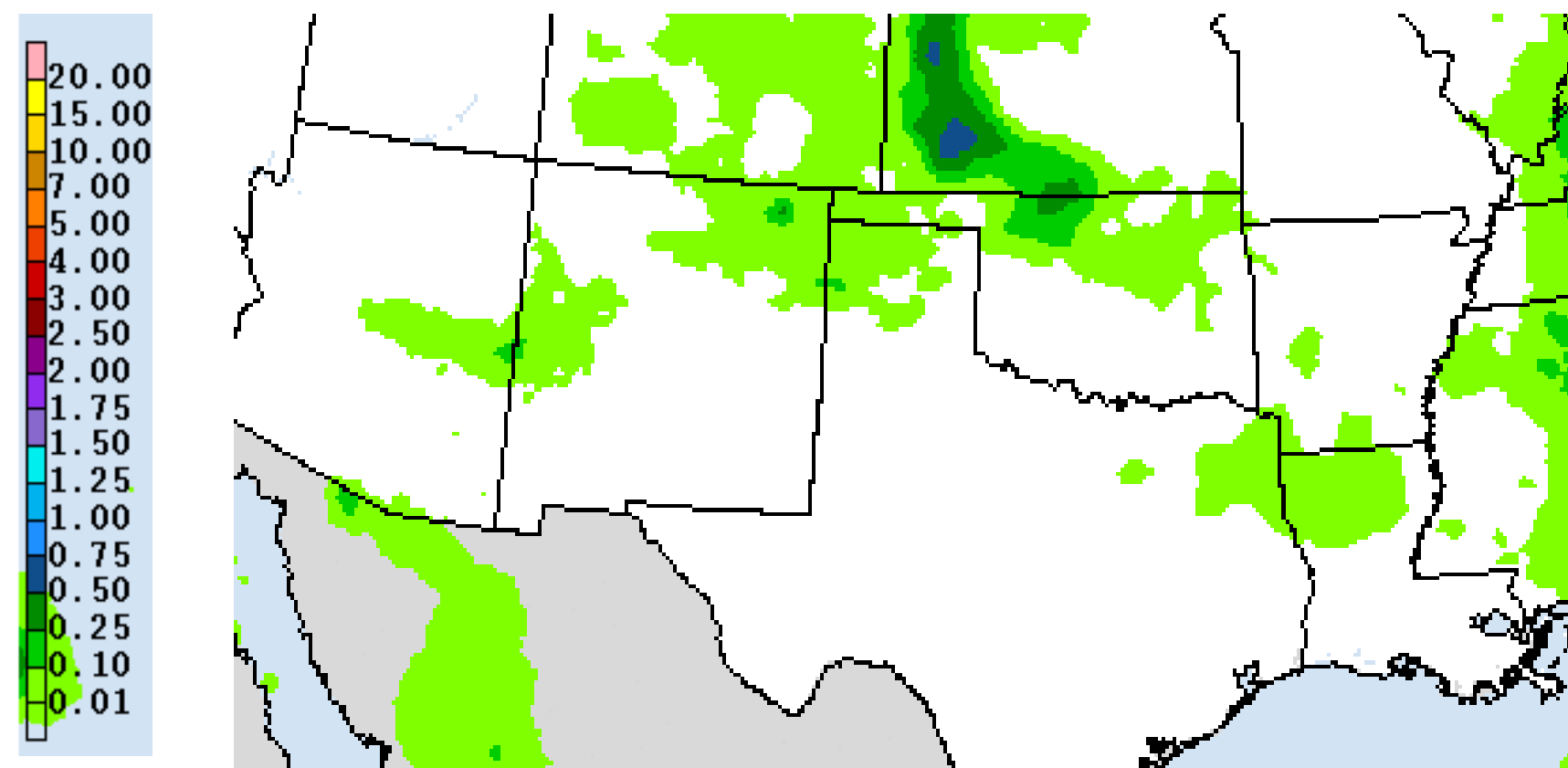
## Forecast Rainfall

**Dangerous heat across much of the Region.**

**Marginal risk of severe storms for SE AR/NE LA.**

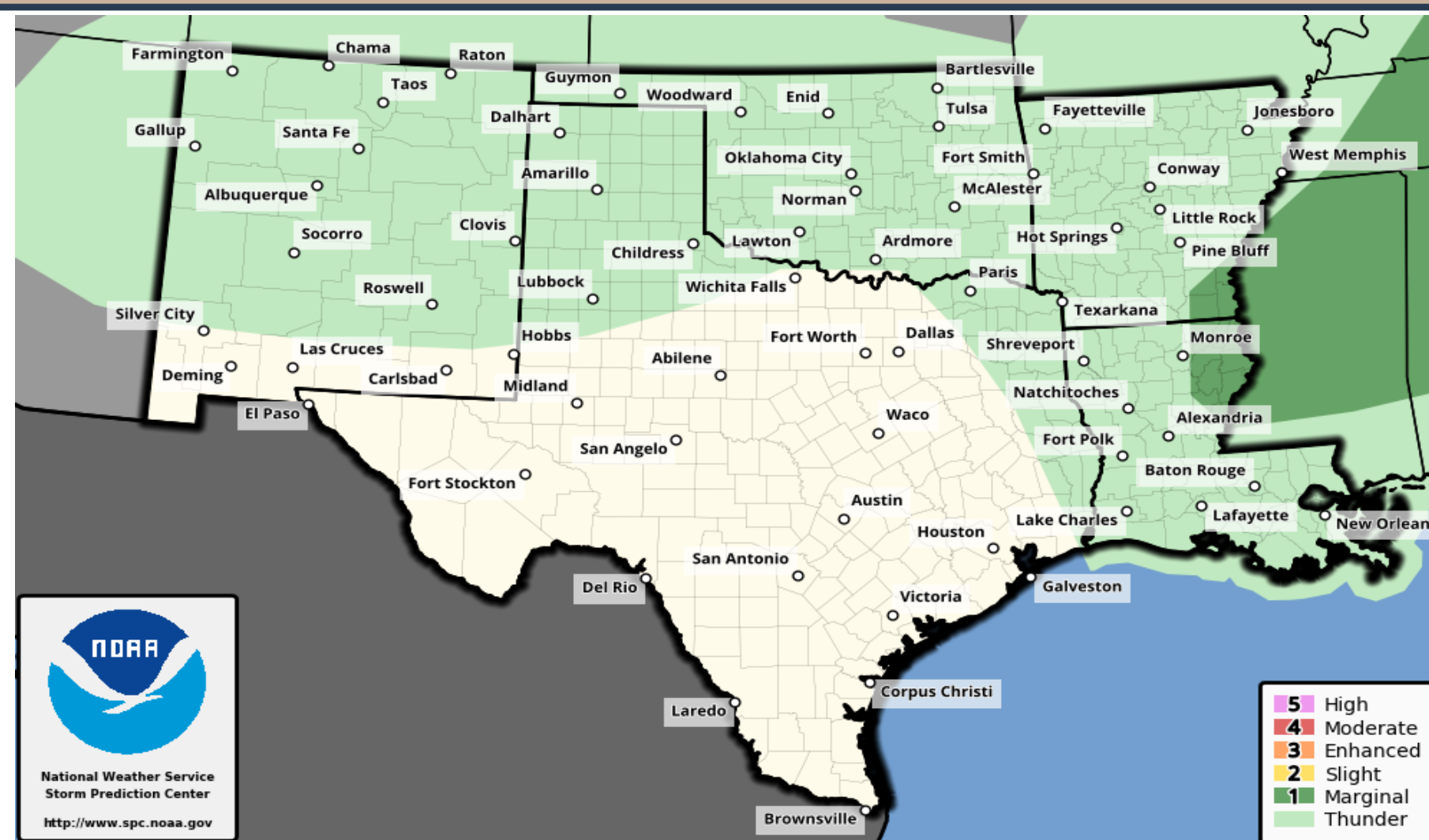


Weather Valid 8am EDT Sun Jul 12 2020 to 8am EDT Mon Jul 13 2020  
Fronts Valid 8am EDT Sun Jul 12 2020  
Issued 4:58 AM EDT Fri, Jul 10, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts.

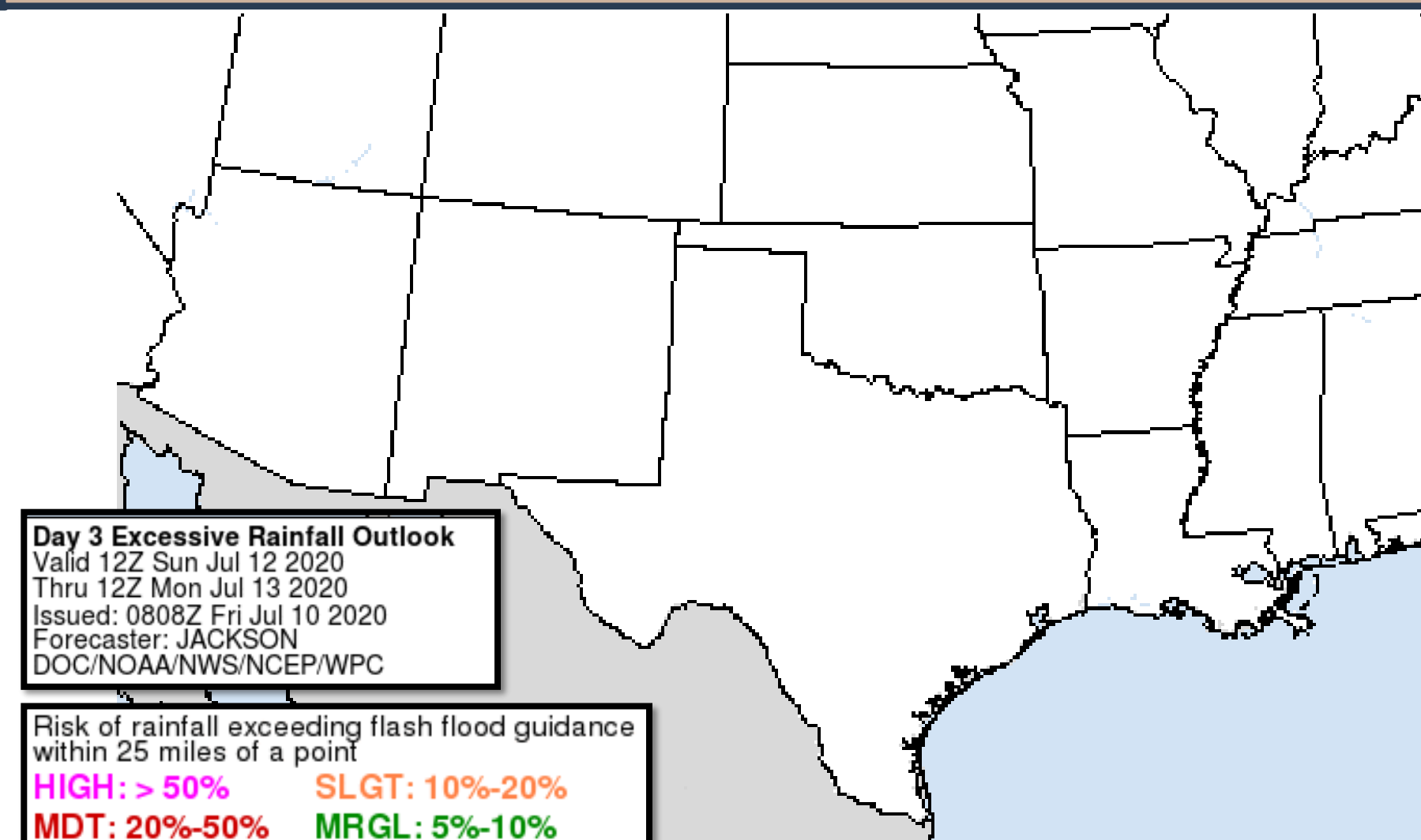


**24-Hour Day 3 QPF**  
Valid 12Z Sun Jul 12 2020  
Thru 12Z Mon Jul 13 2020  
Issued: 1018Z Fri Jul 10 2020

## Severe Weather Outlook



## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Sun Jul 12 2020  
Thru 12Z Mon Jul 13 2020  
Issued: 0808Z Fri Jul 10 2020  
Forecaster: JACKSON  
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point  
**HIGH: > 50%** **SLGT: 10%-20%**  
**MDT: 20%-50%** **MRGL: 5%-10%**



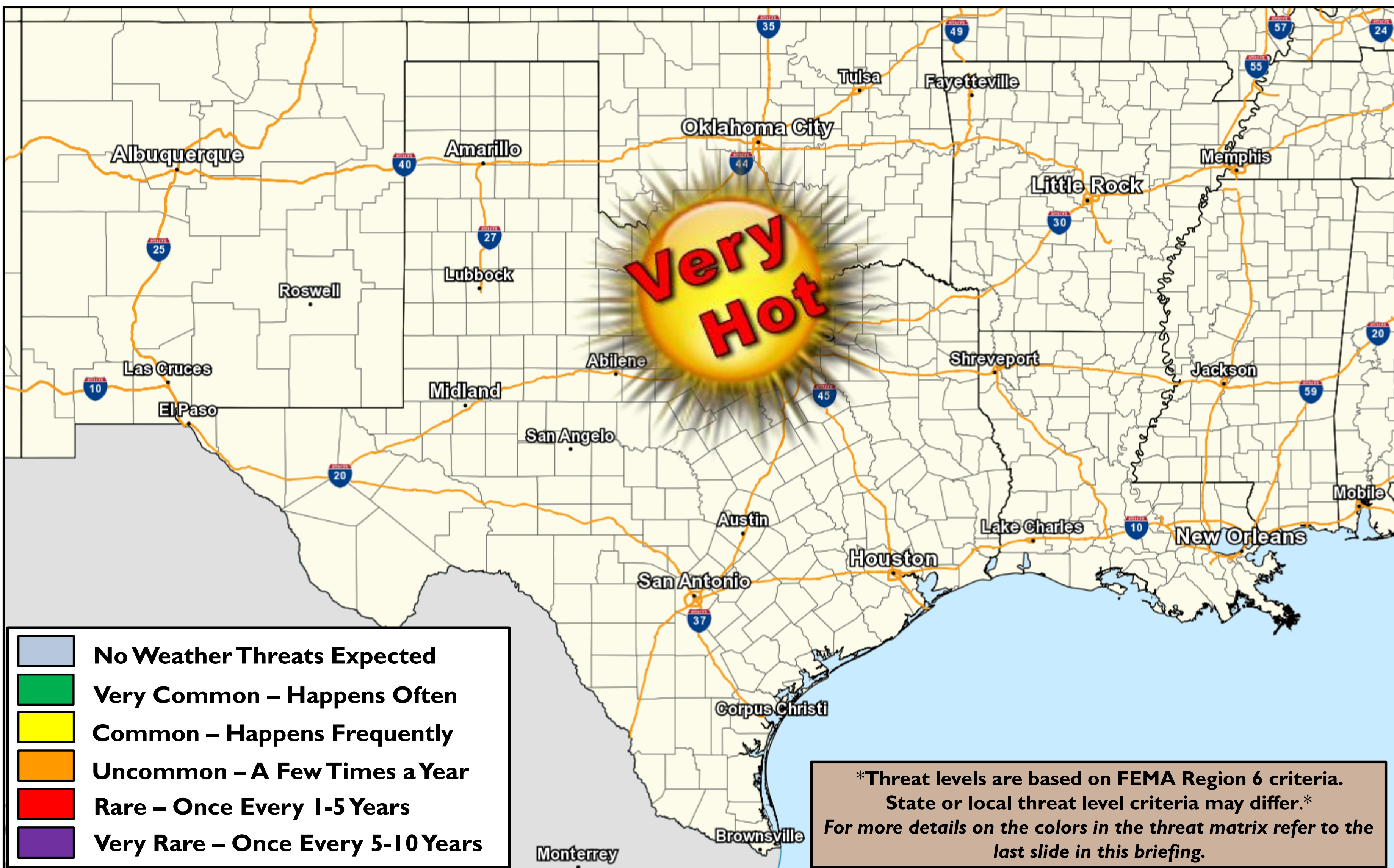
# Days 4-5 Weather Hazards

Monday - Tuesday



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**Dangerous heat continues  
across much of the Region.**



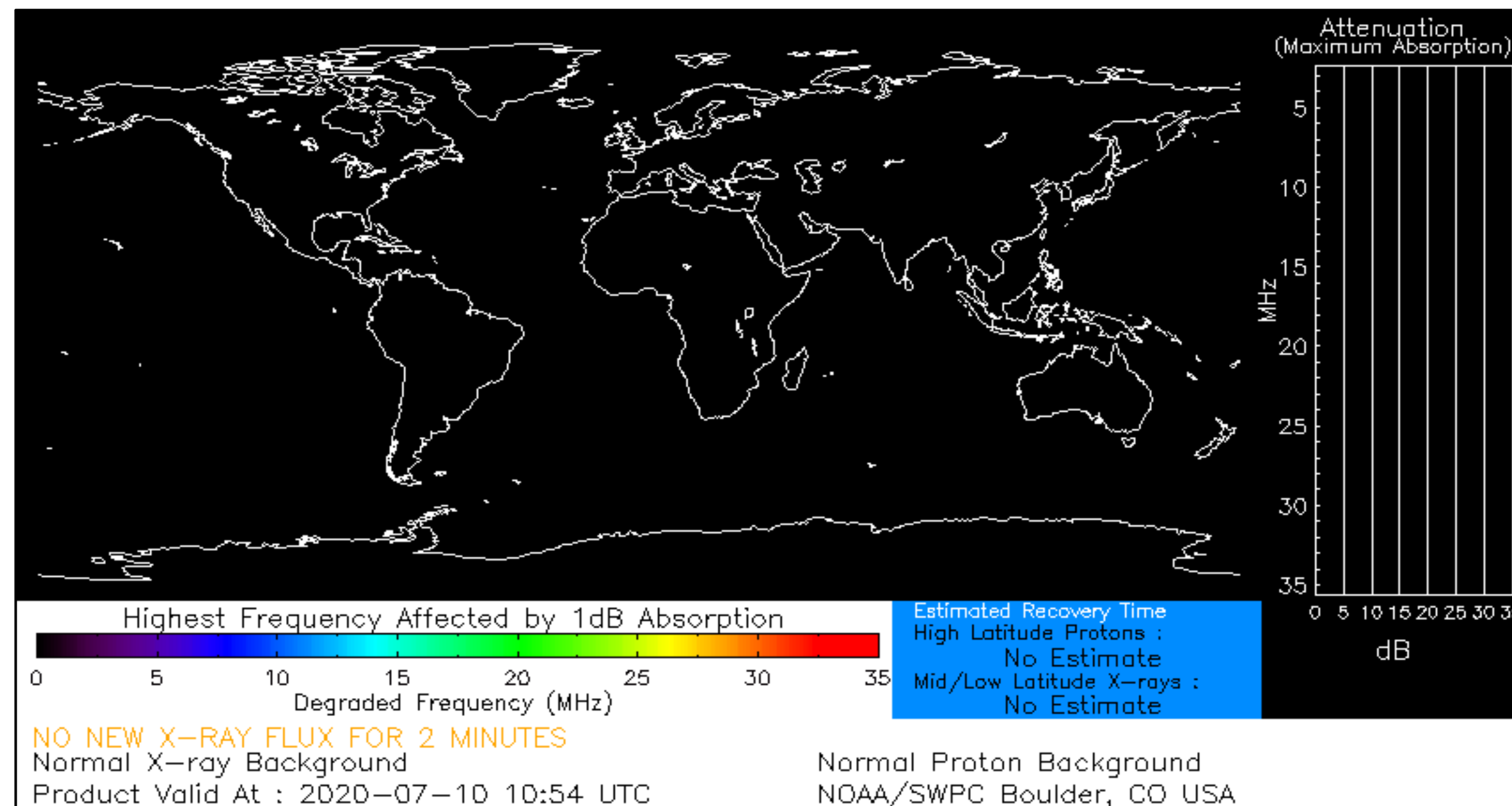


# Space Weather 3-Day Forecast



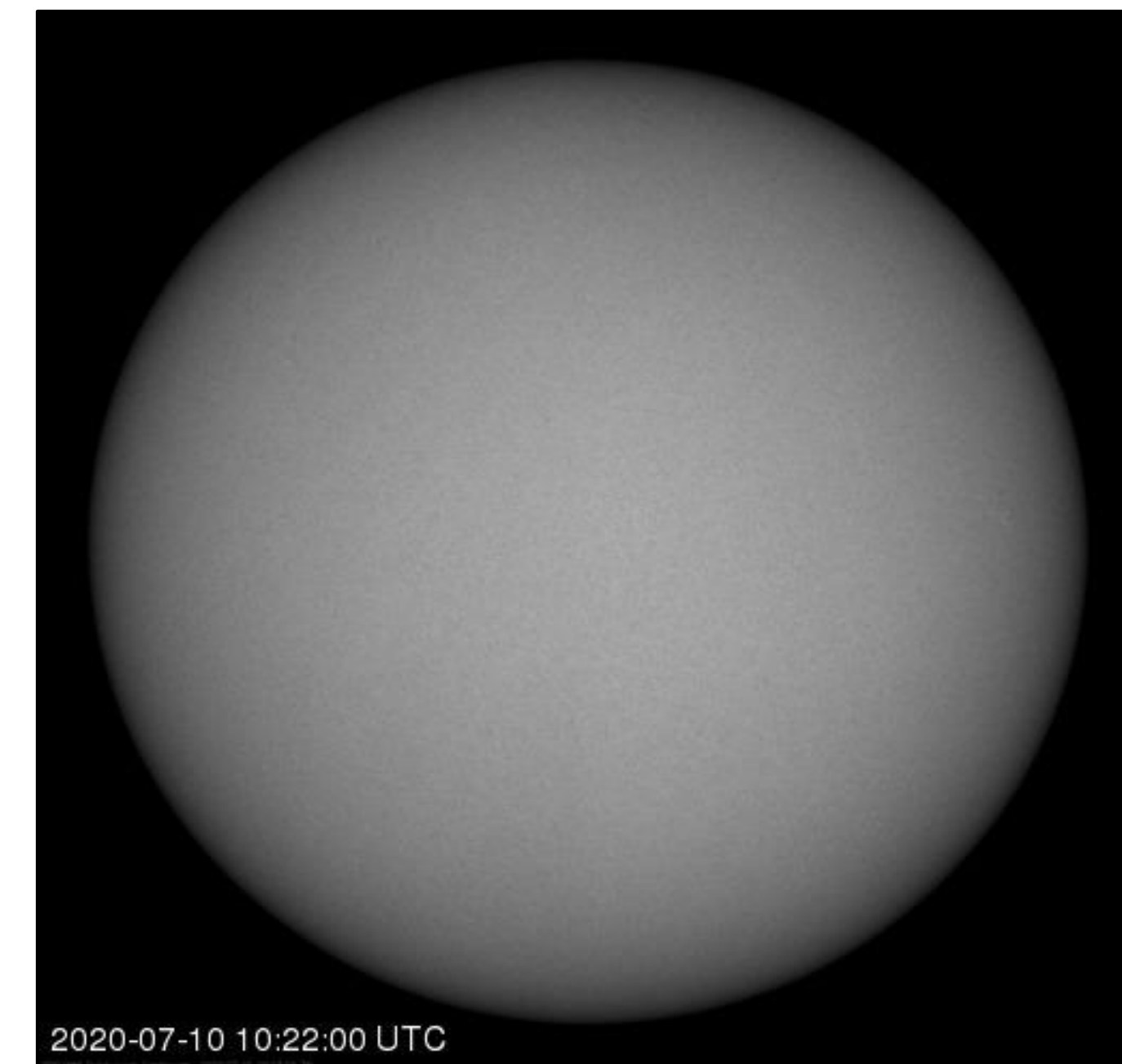
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**